CUBIT Capability Proposal

Technical Area	**Technical Lead**
Geometry, Meshing, Infrastructure, GUI, Graphics, etc..	Cubit Developer in charge of technical area
???	

MRD Description

Describe the capability in terms of how a user would see it.

User would be able to access Therme capabilities directly within CUBIT, and not in a separate batch program.

SRS Description

What needs to be done by Cubit developers to implement this capability? Break the tasks into steps if applicable. (Steps should be on the order of 2 man-weeks or more)

1. Support sideset generation capabilities currently in Therme.   2. Support analysis deck capabilities currently in Therme (minimal).   3. Support other Therme capabilities in CUBIT.

Justification

Describe why this is important and what impact it will have if it is implemented. (or not implemented).

Will get us more users in Thermal group, allow better support of their needs, and remove the need to support old therme code.

Resources	**Time estimate**	**Targeted Release**
Who will work on this	How much time will it take in man-weeks	10.2 (August 06), 10.3 (March 2007), 10.4 (August 2007), Future (beyond FY07)
1. ?? 2. Ray 3. ??	8 2 16	

Submitted By:	**Date:**
Ray	27 March, 2006